

The Matar LED is a 118mm diameter downlight which uses a CREE LED engine. The heatsink is constructed from die-cast aluminium complete with aluminium bezel and reflector creating a glare friendly cut-off which is also an aesthetically pleasing architectural detail. The Matar is available in 600lm and 700lm outputs with 15°, 24°, 30° and 36° beam angle options.

- CREE LED Engine
- Cast Aluminium
- Instant on - no flicker
- Environmentally Friendly - No mercury or lead enters the environment
- No RF and electronic magnetic interference
- Over 50,000 hours life span



### General

<b>Dimensions</b>	Ø118 x 110mm
<b>Cutout</b>	Ø105mm
<b>Weight</b>	0.35kg
<b>Installation</b>	Ceiling Tile Plasterboard
<b>Voltage</b>	220-240Vac 100-240Vac
<b>Certification</b>	CE, ROHS
<b>Warranty</b>	5 Years

### Performance

<b>Colour Rendering</b>	Ra>80
<b>Longevity</b>	50,000 hours
<b>System Power</b>	12 W 15 W 20 W
<b>Exit Lumens</b>	623 lm 747 lm
<b>Efficiency</b>	76.0 ll/cW 73.2 ll/cW
<b>Compliance</b>	Building Regulations ETL (Energy Technology List) ECA (Enhanced Capital Allowance) SKA Rating

Available options

Wattage	12W - 747 lm, 15W, 20W
Colour	White, Special RAL Colour
Colour Temperature	3000K, 4000K
Beam Angle	15° Beam, 24° Beam, 30° Beam, 36° Beam
Bezel	Clear Diffuser
Dimming	Fixed Output, 1-10V Dimming, DALI Dimming, Mains Dimming, Switch Dimming
Emergency	Not Required, 3 Hour Facility, 3 Hour Self Test, 3 Hour Central Test

Product Code: MTR-S